

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

TELEPHONE: (303) 740-1980

INTELLECTUAL PROPERTY LAW
12400 WILSHIRE BOULEVARD, 7TH FLOOR
LOS ANGELES, CA 90025

FACSIMILE: (303) 740-6962

FACSIMILE COVER SHEET

Deliver to: Do, Chat C., USPTO

Art Group: 2193

Facsimile No.: ~~703-746-7239~~ 571-273-8306

Date: February 21, 2006

From: Ashley R. Ott, Reg. No. 55,515

Our Docket No.: 42390P11127

Number of pages 16 including this sheet.

Application No.: 10/062,143

Filing Date: 1/31/2002

Docket Due Date(s): 2/27/2006

Enclosed are the following documents:

- Amendment: After Final (13 pgs)
- Appeal Brief (pgs)
- Application: _____
(pgs) w/cover & abstract)
- Assignment & Cover Sheet (pgs)
- Certificate of Faxsimile, & Mailing
- Continued Prosecution Application (CPA)
- Declaration & POA (pgs)
- Drawings: sheets, figures
- Extension of Time: _____
- Fee Transmittal (in duplicate)
- IDS & PTO/SB/08 (pgs)
- Other _____

- Issue Fee Transmittal
- Notice of Appeal
- Petition for: _____
- Request for Continued Examination (RCE)
- Reply Brief (____pgs)
- Request & Certification Under 35 USC 122(b)(2)(B)(i)
- Request to Rescind Previous Nonpublication Request
- Response to Notice of Missing Parts & Formalities Letter
- Response to Written Opinion (____pgs)
- Terminal Disclaimer
- Transmittal of Publication Fee Due
- Transmittal Letter

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8A)

I hereby certify that this correspondence is being transmitted by facsimile on the date shown below to the United States Patent and Trademark Office.

Leah Schwenke
Leah Schwenke

2/21/2006

Date

Confidentiality Note: The documents accompanying this facsimile transmission contain information from the law firm of Blakely, Sokoloff, Taylor & Zafman which is confidential or privileged. The information is intended to be for the use of the individual or entity named on this transmission sheet. If you are not the intended recipient, be aware that any disclosure, copying, distribution or use of the contents of this faxed information is prohibited. If you have received this facsimile in error, please notify us by telephone immediately so that we can arrange for the retrieval of the original documents at no cost to you.

If you do not receive all the pages, or if there is any difficulty in receiving, please call: (303) 740-1980 and ask for Leah Schwenke.

RECEIVED
CENTRAL FAX CENTER 002

FEB 21 2006

**FEE TRANSMITTAL
for FY 2005**

Patent fees are subject to several revisions.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$ 0.00)

| <i>Complete If Known</i> | |
|--------------------------|------------------|
| Application Number | 10/062,143 |
| Filing Date | January 31, 2002 |
| First Named Inventor | Gad S. Sheaffer |
| Examiner Name | Do, Chat C. |
| Art Unit | 2193 |
| Attorney Docket No. | 42390P11127 |

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: **Blakely, Sokoloff, Taylor & Zafman LLP**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayment of fee(s) Credit any overpayments under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

FEE CALCULATION

1. EXTRA CLAIM FEES

| Total Claims | | Independent Claims | Dependents below | Fee Paid |
|--------------------|---|--------------------|------------------|----------|
| 27 | • | 30° = 0 | 50.00 | \$0.00 |
| 3 | • | 3° = 0 | 200.00 | \$0.00 |
| Multiple Dependent | | | | |

| Large Entity | | Small Entity | | |
|--------------|-----|--------------|-----|---|
| Ref | Fee | Fee | Fee | Fee Description |
| Code | (F) | Code | (S) | |
| 1202 | 50 | 2202 | 25 | Claims in excess of 20 |
| 1201 | 200 | 2201 | 100 | Independent claims in excess of 3 |
| 1203 | 350 | 2203 | 180 | Multiple Dependent claim, if not paid |
| 1204 | 750 | 2204 | 395 | **Resue Independent claims over original patent |
| 1206 | 300 | 2205 | 150 | **Resue claims in excess of 20 and over original patent |

*For number previously paid, 7 or greater. For Reissues, see below

2. ADDITIONAL FEES

| Large Entity | Small Entity | | | |
|---------------------|--------------|----------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or certificate |
| 2053 | 130 | 2053 | 130 | Non-English specification |
| 1251 | 120 | 2251 | 60 | Extension for reply within first month |
| 1252 | 450 | 2252 | 225 | Extension for reply within second month |
| 1253 | 1,020 | 2253 | 510 | Extension for reply within third month |
| 1254 | 1,590 | 2254 | 795 | Extension for reply within fourth month |
| 1255 | 2,160 | 2255 | 1,060 | Extension for reply within fifth month |
| 1401 | 500 | 2401 | 250 | Notice of Appeal |
| 1402 | 500 | 2402 | 250 | Filing a brief in support of an appeal |
| 1403 | 1,000 | 2403 | 500 | Request for oral hearing |
| 1451 | 1,510 | 2451 | 1,510 | Petition to institute a public use proceeding |
| 1460 | 130 | 2460 | 120 | Petitions to the Commissioner |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(a) |
| 1808 | 180 | 1808 | 180 | Submission of Information Disclosure Statement |
| 1809 | 780 | 1809 | 395 | Filing a submission after final rejection (37 CFR 1.17(b)) |
| 1810 | 780 | 2810 | 395 | For each additional invention to be examined |
| Other fee (specify) | | | | |

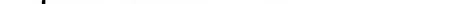
Other fee (specify)

SUBTOTAL (2)

Fee Paid

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---|--------------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Ashley R. Ott | Registration No. (Attorney/Agent) | 55,515 | Telephone | (303) 740-1980 |
| Signature |  | | | Date | 02/21/06 |

Based on PTO/SB/17 (12-04) as modified by Blankley, Sokoloff, Taylor & Zafman (wtr) 12/15/2004.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)

0.00

Complete if Known

| | |
|----------------------|------------------|
| Application Number | 10/062,143 |
| Filing Date | January 31, 2002 |
| First Named Inventor | Gad S. Sheaffer |
| Examiner Name | Do, Chat C. |
| Art Unit | 2193 |
| Attorney Docket No. | 42390P11127 |

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order None Other (please identify): _____ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

 Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee Charge any additional fee(s) or underpayment of fee(s) Credit any overpayments
under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

FEE CALCULATION

1. EXTRA CLAIM FEES

| Total Claims | | Extra Claims | | Fee from below | | Fee Paid | |
|--------------------|-----------|--------------|----------|----------------|---------------|----------|---------------|
| Total Claims | <u>27</u> | . 30" = | <u>0</u> | x | <u>50.00</u> | = | <u>\$0.00</u> |
| Independent Claims | <u>3</u> | . 3" = | <u>0</u> | x | <u>200.00</u> | = | <u>\$0.00</u> |
| Multiple Dependent | | | | | | | |

Large Entity

Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|--------------|----------|----------|----------|---|
| 1202 | 60 | 2202 | 25 | Claims in excess of 20 |
| 1201 | 200 | 2201 | 100 | Independent claims in excess of 3 |
| 1203 | 360 | 2203 | 180 | Multiple Dependent claim, if not paid |
| 1204 | 780 | 2204 | 395 | **Reissue independent claims over original patent |
| 1205 | 300 | 2205 | 150 | **Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (1) | | (\$) | | 0.00 |

*or number previously paid, if greater. For Reissues, see below

2. ADDITIONAL FEES

Large Entity

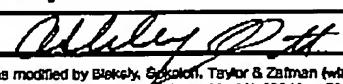
Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|---------------------|----------|--------------|----------|---|
| 1051 | 130 | 2051 | 85 | Surcharge - late filing fee or oath |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet |
| 2053 | 190 | 2053 | 130 | Non-English specification |
| 1251 | 120 | 2251 | 60 | Extension for reply within first month |
| 1252 | 450 | 2252 | 225 | Extension for reply within second month |
| 1253 | 1,020 | 2253 | 510 | Extension for reply within third month |
| 1254 | 1,500 | 2254 | 795 | Extension for reply within fourth month |
| 1255 | 2,160 | 2255 | 1,080 | Extension for reply within fifth month |
| 1401 | 500 | 2401 | 250 | Notice of Appeal |
| 1402 | 500 | 2402 | 250 | Filing a brief in support of an appeal |
| 1403 | 1,000 | 2403 | 500 | Request for oral hearing |
| 1451 | 1,810 | 2451 | 1,510 | Petition to institute a public use proceeding |
| 1460 | 120 | 2460 | 130 | Petitions to the Commissioner |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) |
| 1808 | 150 | 1808 | 180 | Submission of Information Disclosure Stmt |
| 1809 | 750 | 1809 | 395 | Filing a submission after final rejection (37 CFR § 1.129(a)) |
| 1810 | 750 | 2810 | 395 | Filing a submission after final rejection (37 CFR § 1.129(b)) |
| Other fee (specify) | | SUBTOTAL (2) | | (\$) |

Fee Paid

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---|--------------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Ashley R. Ott | Registration No. (Attorney/Agent) | 55,515 | Telephone | (303) 740-1980 |
| Signature |  | | | Date | 02/21/06 |

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wtr) 12/15/2004.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Our Docket No.: 42P11127

RESPONSE UNDER 37 C.F.R. § 1.116
- EXPEDITED PROCEDURE -
EXAMINING GROUP 2100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

| | | |
|--|---|-----------------------|
| Sheaffer |) | Examiner: Do, Chat C. |
| Application No.: 10/062,143 |) | Art Group: 2193 |
| Filed: January 31, 2002 |) | |
| For: Multiply-Accumulate Accelerator With Data Re-Use |) | |

RESPONSE AFTER FINAL

Mail Stop: AF
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

In response to the Final Office Action mailed on December 27, 2005, which was made final, applicant submits this Amendment After Final Action for consideration.

FIRST CLASS CERTIFICATE OF MAILING/FACSIMILE

I hereby certify that I am causing the above-referenced correspondence to be facsimile transmitted and to be deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and that this paper or fee has been addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

February 21, 2006

Date of Deposit

Leah Schwenke

Name of Person Mailing Correspondence

Leah Schwenke

Signature

2/21/06

Date

Docket No.: 42P11127
 Application No.: 10/062,143